

# FARM LABOR



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## FARM WORK FORCE 7 PERCENT LOWER THAN LAST YEAR

Total work force on United States farms during the survey week of January 9-15, 1977 was estimated at 3,229,700 workers, 7 percent less than a year earlier. Farm operators plus unpaid family members working 15 hours or more totaled 2,412,400, while hired workers accounted for 817,300. Field and livestock workers amounted to 570,300, about 70 percent of the hired work force.

All family workers averaged 27.8 hours of work for the survey week, down less than an hour from a year ago. Farm operators averaged 26.6 hours while unpaid family members put in 32.1 hours. Hired workers averaged 36.1 hours for the week, compared with 36.9 a year earlier.

## WAGE RATES ABOVE A YEAR AGO

Farm wage rates for all methods of pay converted to an hourly rate averaged \$2.96 during the week of January 9-15, 1977. The average was \$2.75 per hour a year ago. Hourly workers receiving only cash wages averaged \$2.86 per hour compared with \$2.76 a year earlier. Field and livestock workers averaged \$2.68 per hour, up 13 cents from the previous January.

## COLD WEATHER DURING JANUARY 9-15 LIMITED FIELD WORK

Cold weather gripped the country as livestock producers tried to keep stock ponds open and pipes thawed. All areas reported heavy amounts of grain fed to supplement deteriorated pastures. Livestock, especially newborn calves and lambs, felt the stress of shivering temperatures.

Cotton fields were virtually all picked with only a few fields remaining in Georgia and Texas. Arizona, New Mexico and California growers disked old cotton fields and prepared for the 1977 crop.

South Carolina tobacco growers seeded plant beds as weather permitted. Slick highways prevented Kentucky farmers from marketing tobacco.

Early citrus harvest continued in Arizona and was active in Florida and California. At the time the survey was taken, freezing temperatures had not been experienced in Florida. During the survey week, January 9-15, vegetable harvest continued in Florida, Arizona and California, but was interrupted by rains in several Texas areas.

### SOURCE AND RELIABILITY OF ESTIMATES

Quarterly estimates of Agricultural Labor are based on multiple frame enumerative probability surveys. Two sampling frames are utilized -- a list frame and an area frame. In combination they complement each other for sample efficiency.

The list frame is assembled from various sources and consists of employers of agricultural labor. A random stratified sample is selected from this list for each of the quarterly surveys. Employers expected to have large numbers of workers are sampled more heavily than those with fewer workers.

The area sampling frame is an exhaustive listing of small partitioned units of land which can be sampled. A probability sample from the area frame will provide unbiased estimates for all agricultural workers employed by farm operators. However, this is a less efficient sampling frame than the list because most of the labor is hired by a small proportion of the farm operators. Therefore, the area frame is used primarily to estimate for the incompleteness in the list. By using the multiple frame sample, the desirable attributes of both frames are captured.

The survey methodology for agricultural labor estimates is used extensively by SRS in a variety of estimating programs. It has proved to be a most efficient method of compiling reliable agricultural statistics.

Estimates based on a sample may differ somewhat from the figures that would have been obtained if a complete enumeration had been taken using the same questionnaires, instructions and enumerators. These differences are the result of sampling variability. In addition, survey estimates are subject to non-sampling errors. These errors are minimized through enumerator training, follow-up interviews, questionnaire design and testing and comprehensive edit procedures.

The standard error is primarily a measure of sampling variability, which is the variations that occur by chance because a sample rather than the whole population is surveyed. Standard errors have been computed from the sample data in terms of relative standard errors; that is, as a percent of the estimate. In conjunction with the associated estimates, the standard error may be used to define confidence intervals or ranges that would include the comparable complete coverage value. The average of all possible samples will fall in the range of one standard error below to one standard error above the complete coverage value two times out of three. The relative standard error of the estimate of hired farm workers during the period January 9-15, 1977 is 2.6 percent at the National level. In terms of numbers, the standard error is 21,200 out of a total of 817,300 workers. Chances are approximately two out of three that the complete-coverage value would lie between 796,100 and 838,500 workers. The relative standard error of the estimate of hired workers by regions ranges from 5.0 percent in Standard Federal Region 4 to 11.2 percent in Region 7.

FARM EMPLOYMENT AND INDEXES, JANUARY 1977, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1975	ANNUAL AVERAGE 1976	JAN 11-17, 1976	OCT 10-16, 1976	JAN 9-15, 1977
FARM EMPLOYMENT (THOUSANDS)					
TOTAL	4,342.1	4,375.9	3,479.8	4,300.5	3,229.7
FAMILY LABOR	3,025.5	2,999.2	2,594.0	2,960.4	2,412.4
HIRED LABOR	1,316.6	1,376.7	885.8	1,340.1	817.3
INDEXES 1/ (1910-T4=100)					
TOTAL	32	32	34	30	30
FAMILY LABOR	30	30	31	28	28
HIRED LABOR	35	37	40	34	34
(1967=100)					
TOTAL	89	89	91	81	81
FAMILY LABOR	83	83	86	78	78
HIRED LABOR	92	97	105	89	89

1/ INDEXES ARE ADJUSTED FOR SEASONAL VARIATION.

FARM WAGE RATES, JANUARY 1977, WITH COMPARISONS, UNITED STATES

ITEM	ANNUAL AVERAGE 1975	ANNUAL AVERAGE 1976	JAN 11-17, 1976	OCT 10-16, 1976	JAN 9-15, 1977
METHOD OF PAY:			DOLLARS PER HOUR		
ALL HIRED FARM WORKERS	2.43	2.66	2.75	2.80	2.96
PAID BY PIECE-RATE	2.96	3.14	3.37	3.27	3.69
PAID BY OTHER THAN PIECE-RATE	2.38	2.61	2.69	2.75	2.90
PAID BY HOUR ONLY 1/	2.39	2.60	2.68	2.74	2.84
PAID CASH WAGES ONLY 2/	2.60	2.81	2.97	2.94	3.12
PAID BY HOUR CASH WAGES ONLY 3/	2.45	2.65	2.76	2.81	2.86
TYPE OF WORK PERFORMED:					
FIELD AND LIVESTOCK WORKERS	2.26	2.47	2.55	2.60	2.68
PACKINGHOUSE WORKERS	2.52	2.80	2.74	2.89	2.86
MACHINE OPERATORS	2.50	2.72	2.81	2.79	3.04
MAINTENANCE AND BOOKKEEPING	3.15	3.45	3.51	3.42	3.75
SUPERVISORS	4.00	4.39	4.34	4.47	4.78
OTHER AGRICULTURAL WORKERS	2.76	2.82	2.73	2.96	3.31
INDEXES 4/ (1910-T4=100)	1,612	1,764	1,808	1,742	1,940
(1967=100)	190	208	213	206	229

1/ MAY INCLUDE PERQUISITES SUCH AS ROOM AND BOARD, INCLUDES ONLY THOSE PAID BY THE HOUR.

2/ DOES NOT INCLUDE PERQUISITES, INCLUDES ALL METHODS OF PAY.

3/ DOES NOT INCLUDE PERQUISITES, INCLUDES ONLY THOSE PAID BY THE HOUR.

4/ INDEXES ARE BASED ON ALL HIRED FARM WORKERS AND ARE ADJUSTED FOR SEASONAL VARIATION.

WORKERS ON FARMS, JANUARY 9-15, 1977 WITH COMPARISONS

STATE AND REGION	JAN 11-17, 1976 <sup>1/</sup>			OCT 10-16, 1976 <sup>1/</sup>			JAN 9-15, 1977		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
	THOUSANDS								
REGION I <sup>2/</sup>	69	42	27	87	48	39	56	35	21
N J	13	8.0	5.0	22	11	11	12	7.0	5.0
N Y	92	69	23	122	86	36	96	73	23
REGION II	105	77	28	144	97	47	108	80	28
DEL	5.3	3.0	2.3	5.8	3.8	2.0	4.4	2.8	1.6
MD	29	18	11	33	20	13	29	17	12
PA	108	76	32	117	87	30	107	76	31
VA	68	55	13	90	58	32	49	37	12
W VA	35.5	33	2.5	41.5	34	7.5	29.2	27	2.2
REGION III	245.8	185	60.8	287.3	202.8	84.5	218.6	159.8	58.8
ALA	80	64	16	92	65	27	85	63	22
FLA	98	30	68	82	29	53	101	29	72
GA	79	58	21	77	50	27	61	45	16
KY	129	110	19	136	100	36	103	83	20
MISS	77	60	17	88	55	33	68	48	20
N C	94	75	19	139	101	38	92	69	23
S C	42	30	12	49	32	17	34	23	11
TENN	112	96	16	145	120	25	109	96	13
REGION IV	711	523	188	808	552	256	653	456	197
ILL	118	99	19	185	148	37	118	99	19
IND	108	91	17	135	100	35	92	80	12
MICH	76	59	17	120	88	32	77	63	14
MINN	162	146	16	227	182	45	140	126	14
OHIO	135	116	19	159	133	26	126	109	17
WIS	167	130	37	199	155	44	166	137	29
REGION V	766	641	125	1,025	806	219	719	614	105
ARK	75	58	17	92	64	28	67	56	11
LA	50	36	14	73	46	27	43	30	13
N MEX	19	13	6.0	23	17	6.0	20	14	6.0
OKLA	99	90	9.0	86	70	16	86	70	16
TEX	225	159	66	239	164	75	211	146	65
REGION VI	468	356	112	513	361	152	427	316	111
IOWA	166	148	18	231	196	35	166	143	23
KANS	80	66	14	106	81	25	84	69	15
MO	178	159	19	179	155	24	166	155	11
NEBR	86	78	8.0	130	106	24	85	72	13
REGION VII	510	451	59	646	538	108	501	439	62
COLO	43	32	11	51	34	17	43	34	9.0
MONT	28	21	7.0	32	23	9.0	22.6	18	4.6
N DAK	38	35	3.0	55	46	9.0	42	40	2.0
S DAK	57	46	11	52	45	7.0	50	43	7.0
UTAH	17	12	5.0	21	15	6.0	17.2	14	3.2
WYO	13	9.0	4.0	15	9.0	6.0	13	10	3.0
REGION VIII	196	155	41	226	172	54	187.8	159	28.8
ARIZ	21.4	6.4	15	19.5	6.5	13	23	7.0	16
CALIF	258	68	190	334	75	259	219	66	153
NEV	4.6	2.6	2.0	4.7	2.1	2.6	3.3	1.6	1.7
REGION IX	284.0	77	207	358.2	83.6	274.6	245.3	74.6	170.7
IDAHO	30	21	9.0	67	28	39	23	16	7.0
OREG	41	31	10	57	38	19	41	29	12
WASH	54	35	19	82	34	48	50	34	16
REGION X	125	87	38	206	100	106	114	79	35
U S	3,479.8	2,594.0	885.8	4,300.5	2,960.4	1,340.1	3,229.7	2,412.4	817.3

<sup>1/</sup> REVISED. <sup>2/</sup> REGION I: CONN, MAINE, MASS, N H, R I AND VT.

WORKERS ON FARMS, ANNUAL AVERAGES, 1976 WITH COMPARISONS

STATE AND REGION	ANNUAL AVERAGE 1974			ANNUAL AVERAGE 1975 1/			ANNUAL AVERAGE 1976		
	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED	TOTAL	FAMILY	HIRED
	THOUSANDS								
REGION I 2/	75	41	34	75	44	31	80	46	34
N J	20	10	10	21	10	11	22	10	12
N Y	104	72	32	109	75	34	114	82	32
REGION II	124	82	42	130	85	45	136	92	44
DEL	7.0	4.3	2.7	6.8	4.2	2.6	6.4	4.0	2.4
MD	34	23	11	33	21	12	34	21	13
PA	144	111	33	136	104	32	130	93	37
VA	97	67	30	90	65	25	89	57	32
W VA	44.4	39	5.4	43.9	40	3.9	40.8	35	5.8
REGION III	326.4	244.3	82.1	309.7	234.2	75.5	300.2	210	90.2
ALA	88	64	24	91	64	27	94	69	25
FLA	95	36	59	95	36	59	93	32	61
GA	99	66	33	98	60	38	95	60	35
KY	150	116	34	138	117	21	144	114	30
MISS	104	66	38	90	61	29	96	62	34
N C	182	117	65	169	108	61	188	110	78
S C	66	36	30	74	42	32	59	35	24
TENN	134	109	25	138	117	21	143	121	22
REGION IV	918	610	308	893	605	288	912	603	309
ILL	156	128	28	163	129	34	165	127	38
IND	145	122	23	134	107	27	127	98	29
MICH	115	84	31	110	83	27	112	83	29
MINN	206	169	37	198	156	42	217	175	42
OHIO	159	135	24	160	131	29	162	130	32
WIS	196	150	46	199	150	49	198	152	46
REGION V	977	788	189	964	756	208	981	765	216
ARK	99	66	33	98	68	30	96	68	28
LA	74	48	26	68	46	22	68	44	24
N MEX	21.7	14	7.7	22	14	8.0	24.8	17	7.8
OKLA	111	94	17	105	89	16	104	85	19
TEX	258	174	84	255	173	82	250	167	83
REGION VI	563.7	396	167.7	548	390	158	542.8	381	161.8
IOWA	203	171	32	213	176	37	224	181	43
KANS	109	89	20	103	82	21	100	78	22
MO	194	163	31	204	177	27	196	169	27
NEBR	120	101	19	116	96	20	117	97	20
REGION VII	626	524	102	636	531	105	637	525	112
COLO	65	47	18	59	42	17	55	39	16
MONT	38	25	13	33	22	11	33.3	24	9.3
N DAK	64	54	10	57	48	9.0	59	49	10
S DAK	77	63	14	73	60	13	66	55	11
UTAH	21.8	16	5.8	22.8	16	6.8	22.8	16	6.8
WYO	16.3	10	6.3	15.3	9.3	6.0	15.8	9.8	6.0
REGION VIII	282.1	215	67.1	260.1	197.3	62.8	251.9	192.8	59.1
ARIZ	22.8	6.8	16	22.2	7.2	15	21.6	7.6	14
CALIF	288	62	226	311	71	240	308	72	236
NEV	4.9	2.6	2.3	5.1	2.8	2.3	5.4	2.8	2.6
REGION IX	315.7	71.4	244.3	338.3	81	257.3	335.0	82.4	252.6
IDAHO	45	27	18	42	24	18	51	27	24
OREG	54	33	21	63	37	26	60	37	23
WASH	82	43	39	83	41	42	89	38	51
REGION X	181	103	78	188	102	86	200	102	98
U S	4,388.9	3,074.7	1,314.2	4,342.1	3,025.5	1,316.6	4,375.9	2,999.2	1,376.7

1/ REVISED. 2/ REGION I: CONN, MAINE, MASS, N H, R I AND VT.

HIRED WORKERS ON FARMS, BY TYPE OF WORK, JAN 9-15, 1977 WITH COMPARISONS

STATE AND REGION	JAN 11-17, 1976 1/			OCT 10-16, 1976 1/			JAN 9-15, 1977		
	FIELD	OTHER	TOTAL	FIELD	OTHER	TOTAL	FIELD	OTHER	TOTAL
	AND LIVESTOCK:			AND LIVESTOCK:			AND LIVESTOCK:		
REGION I 2/	17	10	27	26	13	39	12	9.0	21
N J	3.0	2.0	5.0	8.0	3.0	11	3.3	1.7	5.0
N Y	17	6.0	23	29	7.0	36	18	5.0	23
REGION II	20	8.0	28	37	10	47	21.3	6.7	28
DEL	1.3	1.0	2.3	1.2	.8	2.0	.6	1.0	1.6
MD	8.0	3.0	11	9.0	4.0	13	5.0	7.0	12
PA	23	9.0	32	20	10	30	23	8.0	31
VA	9.0	4.0	13	22	10	32	10	2.0	12
W VA	2.0	.5	2.5	6.2	1.3	7.5	1.8	.4	2.2
REGION III	43.3	17.5	60.8	58.4	26.1	84.5	40.4	18.4	58.8
ALA	10	6.0	16	17	10	27	16	6.0	22
FLA	45	23	68	37	16	53	48	24	72
GA	12	9.0	21	17	10	27	11	5.0	16
KY	16	3.0	19	20	16	36	15	5.0	20
MISS	9.0	8.0	17	12	21	33	14	6.0	20
N C	14	5.0	19	20	18	38	16	7.0	23
S C	7.0	5.0	12	8.0	9.0	17	7.0	4.0	11
TENN	12	4.0	16	15	10	25	10	3.0	13
REGION IV	125	63	188	146	110	256	137	60	197
ILL	16	3.0	19	14	23	37	15	4.0	19
IND	11	6.0	17	22	13	35	9.0	3.0	12
MICH	13	4.0	17	24	8.0	32	11	3.0	14
MINN	12	4.0	16	27	18	45	10	4.0	14
OHIO	14	5.0	19	15	11	26	12	5.0	17
WIS	27	10	37	35	9.0	44	24	5.0	29
REGION V	93	32	125	137	82	219	81	24	105
ARK	8.0	9.0	17	7.0	21	28	5.0	6.0	11
LA	8.0	6.0	14	11	16	27	8.0	5.0	13
N MEX	3.6	2.4	6.0	4.0	2.0	6.0	4.0	2.0	6.0
OKLA	7.0	2.0	9.0	12	4.0	16	12	4.0	16
TEX	38	28	66	43	32	75	38	27	65
REGION VI	64.6	47.4	112	77	75	152	67	44	111
IOWA	14	4.0	18	27	8.0	35	20	3.0	23
KANS	10	4.0	14	16	9.0	25	12	3.0	15
MO	15	4.0	19	13	11	24	8.0	3.0	11
NEBR	6.0	2.0	8.0	13	11	24	9.0	4.0	13
REGION VII	45	14	59	69	39	108	49	13	62
COLO	7.0	4.0	11	10	7.0	17	6.0	3.0	9.0
MONT	6.0	1.0	7.0	7.0	2.0	9.0	4.0	.6	4.6
N DAK	1.6	1.4	3.0	2.0	7.0	9.0	1.0	1.0	2.0
S DAK	10	1.0	11	6.0	1.0	7.0	6.0	1.0	7.0
UTAH	3.8	1.2	5.0	4.1	1.9	6.0	2.6	.6	3.2
WYO	2.9	1.1	4.0	4.0	2.0	6.0	2.0	1.0	3.0
REGION VIII	31.3	9.7	41	33.1	20.9	54	21.6	7.2	28.8
ARIZ	8.9	6.1	15	8.2	4.8	13	10	6.0	16
CALIF	140	50	190	182	77	259	108	45	153
NEV	1.4	.6	2.0	2.1	.5	2.6	1.3	.4	1.7
REGION IX	150.3	56.7	207	192.3	82.3	274.6	119.3	51.4	170.7
IDAHO	6.0	3.0	9.0	20	19	39	4.0	3.0	7.0
OREG	6.6	3.4	10	11	8.0	19	8.7	3.3	12
WASH	12	7.0	19	32	16	48	9.0	7.0	16
REGION X	24.6	13.4	38	63	43	106	21.7	13.3	35
U S	614.1	271.7	885.8	838.8	501.3	1,340.1	570.3	247.0	817.3

1/ REVISED. 2/ REGION I: CONN, MAINE, MASS, N H, R I AND VT.

HOURS WORKED PER WORKER, JANUARY AND OCTOBER 1976 (REVISED)

STATE AND REGION	JAN 11-17, 1976				OCT 10-16, 1976			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
REGION I 2/	39.9	29.3	38.1	34.7	35.8	29.1	33.6	37.9
N J	26.8	42.8	29.7	35.9	38.6	36.0	37.8	40.1
N Y	41.0	34.6	38.7	41.6	45.9	33.1	41.3	39.4
REGION II	39.4	35.0	37.9	40.6	45.1	33.4	40.9	39.5
DEL	33.5	31.5	33.0	35.4	38.8	36.0	37.7	35.2
MD	32.4	27.8	31.2	41.6	37.4	31.0	35.7	37.3
PA	39.1	37.7	38.7	36.6	40.0	30.7	36.4	38.9
VA	31.4	30.9	31.3	39.7	34.8	31.3	33.5	31.0
W VA	18.6	21.9	19.4	26.4	21.3	27.3	22.4	32.0
REGION III	32.2	32.4	32.2	37.7	34.4	30.8	33.2	35.0
ALA	19.3	28.3	20.3	34.1	23.8	28.4	24.8	28.0
FLA	28.0	26.5	27.7	38.0	30.7	30.1	30.6	36.7
GA	22.4	22.5	22.4	34.3	28.7	36.0	29.6	35.2
KY	22.3	34.8	24.9	31.2	31.0	35.2	32.2	27.3
MISS	15.6	23.5	16.8	26.8	28.5	26.6	28.1	42.0
N C	19.0	31.9	21.0	27.7	27.1	32.1	28.3	31.0
S C	25.3	22.2	24.7	30.1	21.3	29.7	22.4	34.2
TENN	16.6	34.5	18.5	26.6	23.4	31.3	25.2	30.3
REGION IV	19.9	29.6	21.5	33.0	26.8	31.9	27.9	33.3
ILL	28.4	34.4	29.4	30.2	49.8	44.4	48.0	43.2
IND	22.2	30.9	23.8	26.1	46.0	38.4	43.5	34.6
MICH	30.2	35.2	31.2	37.9	39.3	39.6	39.4	35.0
MINN	38.1	30.0	35.0	30.9	55.2	38.2	48.0	37.3
OHIO	18.6	29.2	19.6	31.3	33.7	33.5	33.6	36.5
WIS	39.7	34.7	38.3	35.0	55.1	35.9	45.6	40.3
REGION V	29.7	32.1	30.3	32.1	47.5	37.9	43.7	37.7
ARK	20.2	29.7	21.3	30.8	29.5	35.7	30.5	45.0
LA	22.8	28.2	23.6	33.6	28.0	38.4	30.1	42.9
N MEX	30.2	28.8	29.7	46.8	35.1	28.0	32.6	46.5
OKLA	26.8	29.2	27.5	29.4	33.1	37.6	34.2	33.8
TEX	26.0	29.6	26.5	40.0	29.4	36.3	30.6	38.4
REGION VI	25.1	29.3	25.9	37.3	30.1	35.2	31.3	40.3
IOWA	31.4	27.1	30.3	32.9	57.3	34.2	48.1	41.8
KANS	37.9	30.4	36.1	40.4	53.4	50.9	52.6	42.0
MO	24.9	31.4	26.2	33.8	32.2	34.2	32.7	44.9
NEBR	40.4	36.0	39.6	40.5	58.3	38.6	50.2	40.4
REGION VII	31.7	30.1	31.3	36.0	48.6	37.5	44.8	42.2
COLO	31.4	30.4	31.2	37.7	42.0	42.0	42.0	47.9
MONT	39.9	23.7	34.3	46.1	49.8	38.9	46.5	47.5
N DAK	30.5	29.5	30.3	30.0	38.3	31.8	36.0	46.4
S DAK	33.0	30.5	32.5	38.0	45.8	43.9	45.2	44.5
UTAH	32.0	27.7	30.9	25.6	43.2	36.4	42.0	34.5
WYO	35.4	34.0	34.9	45.1	51.4	35.0	44.2	53.2
REGION VIII	33.0	29.1	32.0	37.8	43.6	38.1	42.0	46.3
ARIZ	37.7	30.4	34.8	48.2	42.4	23.4	33.2	47.3
CALIF	31.0	34.0	31.6	42.6	37.3	39.4	37.8	42.2
NEV	40.9	38.0	40.2	46.4	50.6	42.7	49.0	56.5
REGION IX	31.8	33.6	32.2	43.0	37.8	37.4	37.7	42.6
IDAHO	31.3	37.6	32.5	39.2	51.4	44.0	48.5	48.1
OREG	22.0	32.6	24.1	36.7	27.7	31.2	28.6	41.4
WASH	26.6	32.8	28.0	34.6	35.0	36.6	35.3	39.5
REGION X	26.0	33.8	27.6	36.3	36.1	37.7	36.5	43.0
U S	28.0	31.0	28.5	36.9	39.1	36.1	38.1	39.1

1/ INCLUDES AS "OTHER FAMILY" ONLY THOSE HOUSEHOLD MEMBERS WORKING 15 HOURS OR MORE PER WEEK WITHOUT RECEIVING CASH WAGES. 2/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT.

HOURS WORKED PER WORKER

STATE AND REGION	JANUARY 9-15, 1977			
	FARM OPERATOR	OTHER UNPAID FAMILY MEMBERS 1/	ALL FAMILY 1/	HIRED WORKERS
HOURS				
REGION I 2/	32.5	31.0	32.2	35.6
N J	27.3	39.7	30.0	38.9
N Y	37.9	32.9	36.3	43.7
REGION II	36.8	33.3	35.7	42.9
DEL	34.1	33.0	33.9	35.6
MD	28.7	37.6	30.5	29.7
PA	40.3	38.2	39.6	37.5
VA	20.0	28.0	20.8	28.5
W VA	16.2	27.3	18.2	28.9
REGION III	28.9	35.8	30.6	33.7
ALA	17.3	25.7	18.1	35.7
FLA	27.1	34.8	28.2	36.5
GA	24.0	27.8	24.4	35.2
KY	22.1	36.0	25.0	26.7
MISS	18.3	25.0	19.4	26.4
N C	17.0	35.2	18.8	30.6
S C	20.0	28.0	21.2	28.1
TENN	14.1	25.2	15.2	32.0
REGION IV	18.9	30.5	20.4	32.9
ILL	23.7	25.0	23.9	25.8
IND	20.5	32.4	22.8	31.1
MICH	25.2	33.7	26.7	33.1
MINN	38.3	34.4	37.2	29.9
OHIO	23.4	25.8	24.1	31.6
WIS	42.9	31.2	38.2	39.0
REGION V	29.8	30.5	30.0	32.5
ARK	20.0	30.0	21.5	30.1
LA	20.9	32.4	22.5	32.9
N MEX	28.8	32.0	29.4	45.9
OKLA	22.5	27.9	23.9	33.0
TEX	24.3	37.7	26.3	34.6
REGION VI	23.0	32.6	24.7	34.3
IOWA	30.5	28.9	30.1	37.7
KANS	35.0	31.9	34.1	42.5
MO	22.7	28.8	24.0	33.7
NEBR	32.8	36.5	33.6	39.3
REGION VII	28.6	30.6	29.1	38.5
COLO	28.0	27.1	27.8	41.0
MONT	40.5	37.0	39.6	43.5
N DAK	34.7	32.2	33.9	35.2
S DAK	31.1	39.0	32.9	36.5
UTAH	27.1	27.7	27.2	34.0
WYO	44.9	27.4	36.2	45.5
REGION VIII	32.5	32.5	32.5	39.4
ARIZ	35.1	30.8	32.7	43.9
CALIF	31.5	36.6	33.9	41.8
NEV	38.3	43.6	39.8	45.9
REGION IX	31.7	36.3	33.9	42.1
IDAHO	28.8	36.8	30.2	40.1
OREG	19.4	27.8	20.4	36.0
WASH	21.1	29.8	22.2	31.8
REGION X	22.0	31.1	23.2	34.9
U S	26.6	32.1	27.8	36.1

1/ INCLUDES AS "OTHER FAMILY" ONLY THOSE HOUSEHOLD MEMBERS WORKING 15 HOURS OR MORE PER WEEK WITHOUT RECEIVING CASH WAGES. 2/ REGION I: CONN, MAINE, MASS, N H, R I AND VT.



ANNUAL AVERAGE WAGE RATE FOR FIELD AND LIVESTOCK WORKERS,  
FOR WORKERS PAID BY HOUR RECEIVING CASH WAGES ONLY AND FOR ALL HIRED  
FARM WORKERS 1974, 1975 AND 1976

STATE AND REGION	FIELD AND LIVESTOCK WORKERS			WORKERS PAID BY HOUR RECEIVING CASH WAGES ONLY 1/			ALL HIRED FARM WORKERS		
	1974	1975	1976	1974	1975	1976	1974	1975	1976
DOLLARS PER HOUR									
REGION I 2/	2.02	2.21	2.33	2.30	2.51	2.67	2.29	2.41	2.59
N J	2.13	2.43	2.53	2.56	2.65	2.62	2.38	2.78	2.69
N Y	2.06	2.08	2.26	2.39	2.60	2.52	2.24	2.28	2.45
REGION II	2.08	2.14	2.33	2.45	2.62	2.55	2.28	2.40	2.52
DEL	2.25	2.25	2.46	2.31	2.43	2.60	2.45	2.45	2.64
MD	2.05	1.96	2.10	2.42	2.37	2.72	2.20	2.24	2.42
PA	2.07	2.15	2.28	2.47	2.58	2.76	2.25	2.31	2.53
VA	2.07	2.02	2.18	2.17	2.26	2.43	2.11	2.15	2.39
W VA	1.75	1.98	1.98	2.01	2.00	2.23	2.02	2.13	2.24
REGION III	2.06	2.07	2.20	2.39	2.43	2.62	2.19	2.24	2.45
ALA	1.70	1.86	2.15	2.02	2.12	2.37	1.84	2.23	2.45
FLA	2.42	2.59	2.75	2.33	2.52	2.73	2.63	2.82	3.05
GA	1.77	1.97	2.10	2.08	2.00	2.42	1.98	2.13	2.28
KY	1.68	1.83	2.15	2.01	2.32	2.18	1.84	1.93	2.29
MISS	1.57	1.92	1.98	1.84	2.08	2.24	1.77	2.13	2.32
N C	1.81	1.97	2.18	1.86	2.04	2.20	1.87	2.03	2.25
S C	1.53	1.87	2.04	1.76	1.92	2.20	1.67	2.05	2.25
TENN	1.78	1.89	2.14	1.98	2.19	2.31	1.86	2.08	2.23
REGION IV	1.84	2.06	2.25	1.99	2.18	2.37	1.99	2.24	2.43
ILL	2.23	2.23	2.37	2.31	2.54	2.76	2.32	2.37	2.56
IND	2.04	2.22	2.37	2.40	2.34	2.75	2.24	2.39	2.75
MICH	2.08	2.32	2.32	2.17	2.35	2.56	2.23	2.47	2.54
MINN	1.61	1.97	2.41	2.59	2.71	2.94	1.83	2.27	2.68
OHIO	1.97	2.15	2.50	2.07	2.43	2.68	2.12	2.34	2.68
WIS	1.79	2.06	2.20	2.45	2.52	2.56	2.09	2.25	2.45
REGION V	1.89	2.14	2.35	2.24	2.48	2.70	2.09	2.34	2.60
ARK	1.88	2.01	2.21	2.03	2.09	2.31	2.10	2.19	2.44
LA	1.86	2.13	2.14	2.03	2.27	2.40	1.98	2.37	2.40
N MEX	1.72	1.88	2.07	1.77	1.96	2.32	1.93	2.15	2.31
OKLA	1.87	2.29	2.21	2.00	2.21	2.40	2.02	2.42	2.36
TEX	1.99	2.04	2.23	2.01	2.01	2.30	2.06	2.15	2.42
REGION VI	1.91	2.06	2.20	2.00	2.08	2.33	2.04	2.21	2.41
IOWA	2.17	2.26	2.54	2.33	2.38	2.66	2.23	2.42	2.64
KANS	2.22	2.58	2.80	2.44	2.67	2.71	2.33	2.67	2.92
MO	1.90	2.23	2.38	2.16	2.15	2.58	1.99	2.26	2.48
NEBR	2.06	2.09	2.41	2.51	2.21	2.69	2.15	2.15	2.54
REGION VII	2.09	2.26	2.54	2.36	2.37	2.65	2.17	2.37	2.64
COLO	2.08	2.14	2.58	2.41	2.41	2.64	2.27	2.51	2.79
MONT	1.98	2.02	2.16	2.28	2.50	2.68	2.07	2.15	2.28
N DAK	2.41	2.46	2.70	2.75	2.79	3.29	2.49	2.69	2.99
S DAK	1.84	2.06	2.16	2.20	2.22	2.26	1.90	2.13	2.25
UTAH	2.10	2.29	2.21	2.21	2.34	2.35	2.21	2.36	2.38
WYO	1.81	2.08	1.97	2.22	2.64	2.74	1.94	2.19	2.14
REGION VIII	1.99	2.15	2.28	2.36	2.46	2.60	2.14	2.35	2.53
ARIZ	2.10	2.26	2.39	2.03	2.32	2.74	2.31	2.48	2.66
CALIF	2.60	2.70	3.00	2.58	2.73	3.02	2.78	2.91	3.20
NEV	1.67	2.04	2.18	2.44	2.71	2.70	1.80	2.33	2.36
REGION IX	2.55	2.68	2.97	2.56	2.71	3.01	2.73	2.88	3.16
IDAHO	2.20	2.46	2.74	2.40	2.62	2.77	2.33	2.60	2.87
OREG	2.16	2.28	2.50	2.48	2.56	2.82	2.36	2.54	2.83
WASH	2.51	2.85	3.05	2.42	2.84	2.95	2.61	2.93	3.16
REGION X	2.33	2.59	2.86	2.41	2.72	2.87	2.47	2.75	3.01
U S	2.09	2.26	2.47	2.32	2.45	2.65	2.25	2.43	2.66

1/ DOES NOT INCLUDE PERQUISITES, INCLUDES ONLY THOSE PAID BY THE HOUR.

2/ REGION I: CONN, MAINE, MASS, N H, R I AND VT.

FARM WAGE RATES BY METHOD OF PAY, JANUARY 11-17, 1976 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE-RATE	BY OTHER THAN PIECE-RATE	BY HOUR ONLY	BY CASH WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.52	2/	2.53	2.56	2.64	2.58
N J	2.73	2/	2.73	2.50	3.06	2.51
N Y	2.30	2/	2.31	2.56	2.81	2.62
REGION II	2.38	2/	2.38	2.55	2.86	2.60
DEL	2.73	2/	2.70	2.44	3.02	2.54
MD	2.33	2/	2.30	2.31	2.35	2.32
PA	2.66	2/	2.68	2.75	2.95	2.90
VA	2.39	2/	2.41	2.45	2.65	2.46
W VA	2.14	2/	2.14	2.32	2.43	2.37
REGION III	2.52	2/	2.53	2.58	2.78	2.69
ALA	2.51	2/	2.52	2.44	2.68	2.49
FLA	3.15	3.51	3.00	2.83	3.16	2.85
GA	2.54	2/	2.52	2.45	2.69	2.55
KY	1.97	2/	1.97	1.92	2.06	1.95
MISS	2.57	2/	2.58	2.25	2.79	2.44
N C	2.37	2/	2.32	2.24	2.55	2.33
S C	2.31	2/	2.31	2.22	2.41	2.29
TENN	2.22	2/	2.21	2.24	2.41	2.39
REGION IV	2.64	3.48	2.53	2.48	2.85	2.58
ILL	2.66	2/	2.66	2.59	2.86	2.54
IND	2.78	2/	2.78	2.55	2.95	2.50
MICH	2.51	2/	2.51	2.59	2.70	2.57
MINN	2.77	2/	2.78	3.01	3.14	3.08
OHIO	2.96	2/	2.96	2.73	3.05	2.71
WIS	2.44	2/	2.41	2.60	2.88	2.60
REGION V	2.65	2/	2.65	2.64	2.90	2.61
ARK	2.44	2/	2.44	2.23	2.50	2.44
LA	2.47	2/	2.47	2.43	2.60	2.44
N MEX	2.43	2/	2.43	2.31	2.59	2.39
OKLA	2.60	2/	2.62	2.46	2.62	2.49
TEX	2.36	2/	2.36	2.23	2.52	2.28
REGION VI	2.41	2.35	2.41	2.28	2.54	2.34
IOWA	2.87	2/	2.85	2.75	3.15	2.88
KANS	2.89	2/	2.89	2.60	2.92	2.72
MO	2.67	2/	2.66	2.71	2.89	2.75
NEBR	2.87	2/	2.87	2.59	2.97	2.57
REGION VII	2.81	3.13	2.80	2.66	3.01	2.76
COLO	3.03	2/	3.03	2.85	3.10	2.55
MONT	2.53	2/	2.53	2.70	2.80	2.80
N DAK	2.98	2/	2.98	3.10	3.20	3.15
S DAK	2.33	2/	2.33	2.31	2.85	2.37
UTAH	2.50	2/	2.50	2.49	2.70	2.45
WYO	2.26	2/	2.26	2.81	2.90	2.85
REGION VIII	2.61	2/	2.61	2.73	2.90	2.60
ARIZ	2.72	3.27	2.65	2.65	3.07	2.86
CALIF	3.20	3.49	3.12	3.06	3.25	3.11
NEV	2.40	2/	2.40	2.70	2.81	2.77
REGION IX	3.16	3.49	3.08	3.02	3.24	3.09
IDAHO	3.05	2/	3.05	2.94	3.10	3.00
OREG	3.08	2/	3.04	2.89	3.30	3.08
WASH	3.45	3.65	3.37	3.10	3.60	3.14
REGION X	3.25	3.65	3.18	3.01	3.43	3.09
U S	2.75	3.37	2.69	2.68	2.97	2.76

1/ REGION I: CONN, MAINE, MASS, N H, R I AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY-DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY TYPE OF WORK, JANUARY 11-17, 1976 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED					SUPERVISORS
	FIELD AND LIVESTOCK WORKERS	PACKINGHOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE AND BOOK- KEEPING WORKERS		
REGION I 1/	2.26	2.49	DOLLARS PER HOUR 2/		3.16	3.60
N J	2.41	2.65	2/	3.36	4.34	
N Y	2.07	2.43	2/	2/	4.27	
REGION II	2.12	2.48	3.27	3.20	4.29	
DEL	2.48	2/	2/	2/	2/	
MD	2.16	2/	2/	2/	2/	
PA	2.40	2.72	2/	3.39	4.09	
VA	2.16	2.33	2.90	2/	3.38	
W VA	1.94	2.11	2/	2/	3.10	
REGION III	2.29	2.59	3.00	3.27	3.91	
ALA	2.22	2.55	2.76	2/	3.79	
FLA	2.96	2.74	3.11	3.97	4.76	
GA	2.35	2/	2.44	2/	4.00	
KY	1.87	2/	2/	2/	2/	
MISS	2.15	2.65	2.34	3.31	4.48	
N C	2.16	2/	2.72	3.22	2/	
S C	2.05	2/	2.40	3.00	3.60	
TENN	2.12	2/	2.77	2/	2/	
REGION IV	2.43	2.60	2.70	3.49	4.33	
ILL	2.42	2/	2/	2/	5.16	
IND	2.53	2.60	3.25	3.70	5.00	
MICH	2.34	2.58	2/	2/	2/	
MINN	2.50	2/	3.31	3.60	4.88	
OHIO	2.61	2.68	3.12	3.76	5.25	
WIS	2.25	2.80	2.55	3.55	5.00	
REGION V	2.42	2.76	3.08	3.64	5.11	
ARK	2.04	2/	2.50	2.97	2/	
LA	2.25	2/	2.37	2.73	3.85	
N MEX	2.15	2/	2.37	2.90	3.60	
OKLA	2.39	2/	2/	2/	2/	
TEX	2.13	2.41	2.45	3.20	3.64	
REGION VI	2.16	2.41	2.45	3.00	3.75	
IOWA	2.70	2/	2/	2/	2/	
KANS	2.77	2/	3.26	2.76	4.54	
MO	2.50	2/	2.77	2/	4.10	
NEBR	2.68	2/	2.90	3.74	2/	
REGION VII	2.65	2.97	2.94	3.24	4.35	
COLO	2.70	2.31	3.18	3.73	4.32	
MONT	2.45	2/	2/	2/	3.34	
N DAK	2.80	3.15	3.15	2/	3.50	
S DAK	2.32	2/	2.25	2/	2/	
UTAH	2.30	2/	2/	2/	3.40	
WYO	2.16	2/	2/	2.80	3.66	
REGION VIII	2.44	2.61	2.88	3.46	3.88	
ARIZ	2.50	2.60	2.79	3.30	4.25	
CALIF	3.00	3.08	3.38	4.00	4.69	
NEV	2.24	2/	2/	2.74	3.44	
REGION IX	2.97	3.02	3.28	3.93	4.64	
IDAHO	2.83	2.99	2/	3.76	2/	
OREG	2.85	2.96	3.14	3.51	4.50	
WASH	3.30	3.00	2/	3.60	4.50	
REGION X	3.06	2.99	3.32	3.60	4.54	
U S	2.55	2.74	2.81	3.51	4.34	

1/ REGION I: CONN, MAINE, MASS, N H, R I AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY - DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY METHOD OF PAY, OCTOBER 10-16, 1976 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE-RATE	BY OTHER THAN PIECE-RATE	BY HOUR ONLY	BY CASH WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.71	3.00	2.65	2.80	2.69	2.81
N J	2.93	3.00	2.92	2.72	3.16	2.87
N Y	2.74	3.60	2.71	2.58	2.83	2.69
REGION II	2.78	3.53	2.76	2.63	2.92	2.74
DEL	2.72	2/	2.70	2.71	2.89	2.74
MD	2.46	2/	2.44	2.65	3.05	2.80
PA	2.77	3.40	2.72	2.79	3.08	2.89
VA	2.46	2.85	2.40	2.49	2.65	2.55
W VA	2.43	2.98	2.27	2.08	2.87	2.07
REGION III	2.57	3.05	2.52	2.62	2.91	2.70
ALA	2.41	2.90	2.39	2.19	2.41	2.20
FLA	3.02	3.81	2.93	2.71	3.01	2.70
GA	2.49	2/	2.48	2.56	2.67	2.62
KY	2.23	2/	2.23	2.02	2.12	2.02
MISS	2.25	2/	2.25	2.17	2.28	2.23
N C	2.47	2.53	2.46	2.45	2.51	2.48
S C	2.39	2.70	2.33	2.30	2.41	2.34
TENN	2.28	2/	2.25	2.33	2.50	2.46
REGION IV	2.49	3.70	2.45	2.36	2.53	2.42
ILL	2.73	2/	2.72	2.94	3.02	3.00
IND	2.79	2/	2.78	2.91	2.89	3.06
MICH	2.79	3.09	2.74	2.82	2.89	2.81
MINN	2.93	2/	2.93	3.08	3.13	3.13
OHIO	2.72	3.22	2.71	2.65	2.90	2.73
WIS	2.44	2/	2.44	2.56	2.72	2.55
REGION V	2.74	3.07	2.72	2.85	2.92	2.90
ARK	2.61	2/	2.60	2.24	2.70	2.36
LA	2.53	2/	2.53	2.47	2.59	2.47
N MEX	2.27	2/	2.26	2.19	2.40	2.24
OKLA	2.41	2.72	2.38	2.52	2.65	2.50
TEX	2.56	2/	2.56	2.30	2.63	2.42
REGION VI	2.54	2.69	2.53	2.34	2.63	2.43
IOWA	2.73		2.73	2.74	2.81	2.86
KANS	3.00	2/	2.99	2.88	3.15	2.95
MO	2.50	2/	2.50	2.69	2.69	2.75
NEBR	2.62	2.95	2.61	2.88	2.86	2.85
REGION VII	2.72	3.13	2.72	2.80	2.87	2.85
COLO	2.90	2/	2.89	2.80	2.91	2.73
MONT	2.42	2/	2.42	2.71	2.88	2.67
N DAK	3.23		3.23	3.45	3.45	3.56
S DAK	2.18	2/	2.18	2.33	2.40	2.46
UTAH	2.55	3.00	2.54	2.62	2.55	2.58
WYO	2.42		2.42	2.78	2.83	2.88
REGION VIII	2.68	3.05	2.68	2.86	2.87	2.86
ARIZ	2.76	3.00	2.72	2.63	2.96	2.72
CALIF	3.33	3.30	3.34	3.17	3.39	3.22
NEV	2.34		2.34	2.77	2.87	2.76
REGION IX	3.29	3.29	3.29	3.15	3.37	3.20
IDAHO	2.85	3.44	2.80	2.87	2.92	2.77
OREG	3.19	3.27	3.19	3.01	3.31	3.04
WASH	3.53	3.76	3.36	3.19	3.64	3.19
REGION X	3.22	3.68	3.07	3.00	3.28	2.96
U S	2.80	3.27	2.75	2.74	2.94	2.81

1/ REGION I: CONN, MAINE, MASS, N H, R I AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY-DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY TYPE OF WORK, OCTOBER 10-16, 1976 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES (REVISED)

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED				
	FIELD AND LIVESTOCK WORKERS	PACKINGHOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE AND BOOK-KEEPING WORKERS	SUPERVISORS
	DOLLARS PER HOUR				
REGION I 1/	2.52	2.72	2.79	2/	3.85
N J	2.73	2.75	3.08	2/	2/
N Y	2.61	2.82	3.06	2/	2/
REGION II	2.64	2.79	3.06	3.58	4.27
DEL	2.50	2/	2.80	2/	2/
MD	2.06	2/	2.83	2/	2/
PA	2.52	2.91	2/	3.53	4.19
VA	2.29	2.85	2.59	2/	2/
W VA	2.09	2/	2/	2/	4.00
REGION III	2.33	2.80	2.80	3.49	3.91
ALA	2.16	2.69	2.38	2/	2/
FLA	2.72	2.81	3.01	3.68	4.47
GA	2.32	2/	2.42	2/	2/
KY	2.05	2/	2.10	2/	2/
MISS	2.05	2/	2.14	2.53	3.60
N C	2.34	2.20	2.61	2/	2/
S C	2.17	2/	2.30	2/	2/
TENN	2.10	2/	2.53	3.70	2/
REGION IV	2.32	2.39	2.41	3.22	4.21
ILL	2.40	2/	2.95	2/	4.60
IND	2.45	2.82	2.68	2/	2/
MICH	2.53	2/	3.10	2/	2/
MINN	2.39	2/	3.25	3.30	5.00
OHIO	2.47	2.64	2.70	3.97	2/
WIS	2.25	2/	2.75	2/	2/
REGION V	2.41	2.73	2.97	3.54	4.89
ARK	2.23	2/	2.50	2/	4.20
LA	2.26	2/	2.36	2.80	4.30
N MEX	2.00	2/	2.63	2/	3.85
OKLA	2.13	2/	2.65	2/	2/
TEX	2.33	2.86	2.44	3.24	4.52
REGION VI	2.26	2.78	2.45	2.99	4.34
IOWA	2.53	2/	2.93	2/	2/
KANS	2.90	2/	3.00	2/	2/
MO	2.32	2/	2.45	2.80	2/
NEBR	2.50	2/	2.64	2/	2/
REGION VII	2.59	2.79	2.75	3.06	5.15
COLO	2.74	2/	2.76	3.54	4.31
MONT	2.26	2/	2.44	2/	3.97
N DAK	2.83	2/	3.30	2/	2/
S DAK	2.09	2/	2.32	2/	2/
UTAH	2.38	2/	2.90	2/	3.80
WYO	2.06	2/	2.65	2/	4.30
REGION VIII	2.39	2.62	2.93	3.34	4.15
ARIZ	2.52	2/	2.73	2/	4.12
CALIF	3.15	3.30	3.34	4.01	4.87
NEV	2.20	2/	2/	2/	3.30
REGION IX	3.11	3.30	3.29	3.94	4.78
IDAHO	2.71	2/	2.91	2/	3.81
OREG	2.83	3.07	3.40	2/	4.60
WASH	3.50	3.22	3.49	3.90	4.65
REGION X	3.13	3.14	3.19	3.80	4.43
U S	2.60	2.89	2.79	3.42	4.47

1/ REGION I: CONN, MAINE, MASS, N H, R I AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY - DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY METHOD OF PAY, JANUARY 9-15, 1977 BY STATES,  
STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	ALL HIRED FARM WORKERS	FARM WAGE RATES - METHOD OF PAY				
		BY PIECE-RATE	BY OTHER THAN PIECE-RATE	BY HOUR ONLY	BY CASH WAGES ONLY	BY HOUR RECEIVING CASH WAGES ONLY
DOLLARS PER HOUR						
REGION I 1/	2.82	2/	2.80	2.91	2.90	2.86
N J	2.99	2/	2.99	2.80	3.20	2.92
N Y	2.62	3.73	2.58	2.64	3.00	2.86
REGION II	2.68	3.73	2.65	2.67	3.05	2.87
DEL	2.83		2.83	2.66	2.68	2.70
MD	2.73	2/	2.73	2.67	3.00	2.70
PA	2.94	2/	2.95	2.95	3.50	3.24
VA	2.48	2/	2.47	2.49	2.75	2.65
W VA	2.38	2/	2.39	2.27	2.31	2.17
REGION III	2.78	2.64	2.78	2.77	3.20	2.91
ALA	2.50	2.90	2.48	2.40	2.45	2.28
FLA	3.31	3.88	3.12	2.92	3.33	2.86
GA	2.62	2/	2.62	2.58	2.67	2.65
KY	2.61	2/	2.61	2.43	2.64	2.54
MISS	2.78	2/	2.78	2.67	2.95	2.67
N C	2.85	2/	2.85	2.55	2.96	2.69
S C	2.48	2.50	2.48	2.41	2.55	2.45
TENN	2.41	2/	2.38	2.41	2.60	2.56
REGION IV	2.90	3.68	2.79	2.67	2.99	2.69
ILL	2.89	2/	2.78	3.16	3.20	3.05
IND	2.85	2/	2.85	2.63	3.00	2.68
MICH	2.92	2/	2.92	2.70	3.04	2.90
MINN	2.87	2/	2.86	3.00	3.20	3.05
OHIO	2.88	2/	2.88	2.74	3.04	2.78
WIS	2.51	2/	2.49	2.77	2.90	2.75
REGION V	2.78	3.77	2.75	2.85	3.07	2.87
ARK	2.90	2/	2.90	2.50	2.97	2.54
LA	2.77	2/	2.77	2.56	2.75	2.51
N MEX	2.50	2/	2.50	2.48	2.69	2.61
OKLA	2.77	2/	2.77	2.63	2.98	2.69
TEX	2.74	2/	2.74	2.64	2.87	2.71
REGION VI	2.75	2.38	2.75	2.61	2.87	2.67
IOWA	2.68	2/	2.67	3.05	3.45	3.08
KANS	3.13		3.13	2.69	2.92	2.75
MO	2.67	2/	2.67	2.70	2.87	2.70
NEBR	3.11	2/	3.11	2.94	3.28	2.98
REGION VII	2.88	3.62	2.87	2.84	3.14	2.88
COLO	2.99	2/	2.99	2.77	3.00	2.58
MONT	2.58		2.58	2.80	2.98	2.72
N DAK	3.08		3.08	3.34	3.54	3.33
S DAK	2.59	2/	2.59	2.45	2.70	2.58
UTAH	2.71	2/	2.72	2.74	2.92	2.79
WYO	2.64	2/	2.64	2.75	2.86	2.88
REGION VIII	2.77	2.82	2.77	2.76	2.95	2.71
ARIZ	2.87	3.50	2.78	2.62	2.97	2.62
CALLIF	3.41	3.82	3.35	3.13	3.40	3.08
NEV	2.45		2.45	3.26	2.83	3.25
REGION IX	3.34	3.79	3.28	3.08	3.36	3.04
IDAHO	3.16	2/	3.21	2.81	3.19	2.85
OREG	3.17	2.97	3.17	3.05	3.28	3.03
WASH	3.81	3.95	3.79	3.35	3.80	3.37
REGION X	3.46	3.66	3.44	3.14	3.52	3.15
U S	2.96	3.69	2.90	2.84	3.12	2.86

1/ REGION I: CONN, MAINE, MASS, N H, R I, AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY - DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

FARM WAGE RATES BY TYPE OF WORK, JANUARY 9-15, 1977  
BY STATES, STANDARD FEDERAL REGIONS AND UNITED STATES

STATE AND REGION	FARM WAGE RATES - TYPE OF WORK PERFORMED				
	FIELD AND LIVESTOCK WORKERS	PACKING-HOUSE WORKERS	MACHINE OPERATORS	MAINTENANCE & BOOKKEEPING WORKERS	SUPERVISORS
DOLLARS PER HOUR					
REGION I 1/	2.40	2.75	2/	3.51	4.20
N J	2.59	2.88	2/	2/	5.17
N Y	2.40	2.56	2/	2/	2/
REGION II	2.43	2.63	3.29	3.73	5.72
DEL	2.80	2.57	2/	2/	2/
MD	2.39	2/	2/	3.75	2/
PA	2.68	3.16	3.58	3.70	4.54
VA	2.24	2/	2/	2/	2/
W VA	2.26	2.01	2/	2/	3.37
REGION III	2.54	2.92	3.47	3.63	4.46
ALA	2.25	3.07	2.98	2/	2/
FLA	3.07	2.82	3.25	4.41	4.94
GA	2.42	2.68	2.75	2/	4.24
KY	2.45	2/	2/	2/	2/
MISS	2.37	2/	2.61	3.49	4.75
N C	2.65	2/	3.10	3.60	2/
S C	2.23	2/	2.35	3.00	4.70
TENN	2.30	2/	2/	2/	2/
REGION IV	2.65	2.77	2.99	3.85	4.79
ILL	2.60	2/	3.40	3.70	5.20
IND	2.56	2.81	2/	3.75	5.05
MICH	2.65	2.85	2/	3.62	2/
MINN	2.48	2/	3.50	3.75	5.70
OHIO	2.50	2.70	2/	2/	5.00
WIS	2.33	2.85	2/	2/	2/
REGION V	2.49	2.81	3.25	3.76	4.99
ARK	2.50	2/	2.80	3.20	4.70
LA	2.49	2/	2.67	2.90	4.50
N MEX	2.36	2/	2.37	2/	4.03
OKLA	2.56	2/	2/	3.30	4.20
TEX	2.38	2.62	2.62	3.45	4.52
REGION VI	2.43	2.54	2.64	3.31	4.49
IOWA	2.53	2/	2/	2/	2/
KANS	3.00	2/	3.75	2/	2/
MO	2.52	2/	2.90	2.95	2/
NEBR	2.95	2/	3.10	4.06	2/
REGION VII	2.72	2.79	3.30	3.35	4.92
COLO	2.80	2/	2/	3.73	4.65
MONT	2.43	2/	2/	2/	3.99
N DAK	2.82	3.31	3.08	3.32	2/
S DAK	2.40	2/	2/	2/	2/
UTAH	2.60	2/	2/	2/	2/
WYO	2.46	2/	2/	2.90	4.00
REGION VIII	2.57	2.87	3.70	3.49	4.43
ARIZ	2.60	2.80	2.79	3.68	4.50
CALIF	3.11	3.15	3.52	4.04	5.02
NEV	2.27	2/	2/	2/	3.35
REGION IX	3.06	3.09	3.36	4.00	4.95
IDAHO	2.73	3.00	3.61	3.87	2/
OREG	2.83	3.15	3.47	4.02	4.90
WASH	3.58	3.19	3.63	4.30	5.00
REGION X	3.08	3.14	3.57	4.17	4.95
U S	2.68	2.86	3.04	3.75	4.78

1/ REGION I: CONN, MAINE, N H, R I AND VT. 2/ INSUFFICIENT DATA FOR THIS CATEGORY - DATA INCLUDED IN ALL HIRED FARM WORKERS AND IN UNITED STATES WAGE RATES.

## HAWAII FARM LABOR

During the week of January 9-15, 1977, the Agricultural labor force on Hawaii farms totaled 14,200, down 1,300 workers from the previous October survey week. Hired workers at 10,200 and farm operators and unpaid family members working 15 hours or more at 4,000 made up the Hawaii farm work force. Field and livestock workers accounted for 5,200 or 51 percent of all hired workers.

Operators and unpaid family members worked an average of 29.2 hours during the survey week. Hired workers averaged 37.1 hours.

All hired workers received a wage rate equivalent of \$4.52 per hour, up 4 cents from October. Field and livestock workers, averaging \$3.91 per hour, earned 2 cents an hour more than last quarter.

Weather during the survey week was generally dry. Irrigation water was limited as reservoir levels fell below normal. Sugarcane harvesting continued with some mills grinding. Banana supplies were heavy while papaya supplies were light to moderate.

### HAWAII FARM WAGE RATES BY METHOD OF PAY AND TYPE OF WORK, JANUARY 9-15, 1977 WITH COMPARISONS.

<u>Method of Pay</u>	<u>October 10-16, 1976</u>	<u>January 9-15, 1977</u>
All Hired Farm Workers	4.48	4.52
Paid by Other than Piece-Rate	4.48	4.52
Paid by Hour Only	4.34	4.35
Paid by Hour Cash Wages Only	*3.34	3.37
Field & Livestock	3.89	3.91
Machine Operators	4.69	4.76
Maintenance & Bookkeeping	5.01	4.92
Supervisors	6.09	6.50
* Revised		

### HIRED WORKERS IN PUERTO RICO TOTALED 28,000

The hired work force on Puerto Rico farms numbered 28,000 during the survey week of January 9-15, 1977. This compares with 31,000 workers during the October work week and 34,000 a year ago. Field and livestock workers estimated at 25,000 were 89 percent of the total. These estimates include workers hired by both farm operators and agricultural service firms.

All hired workers averaged 30.7 hours during the survey week compared to 28.4 hours in October and 30.5 hours for the previous year. Farm wages for all methods of pay converted to an hourly rate averaged \$1.58. Last year the rate was \$1.50. Wages for field and livestock workers averaged \$1.47, up 3 cents from a year ago.

Dry weather favored the maturing of sugarcane and aided the coffee harvest. Lack of rainfall is affecting the growth of tobacco, pastures and food crops.